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Key word index

A23187
Smooth muscle; Ca^{2+}; Acetylcholine; Phasic and tonic responses; IP_3 (inositol trisphosphate) (Macara, B. (218) 27)

Acetylcholine
Smooth muscle; Ca^{2+}; A23187; Phasic and tonic responses; IP_3 (inositol trisphosphate) (Macara, B. (218) 27)

GABA (γ-aminobutyric acid); $GABA_B$ receptors; Neocortex; Quisqualate; (Rat) (Andre, P. (218) 137)

Acetyl-L-carnitine
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β-Adrenoceptors; Aorta; Jugular vein; Autoradiography; [^{125}I]CYP ([^{125}I]iodo-cyanopindolol); [^{125}I]HEAT ([^{125}I][β-(4-hydroxy-3-iodophenyl)-ethyl-aminomethyl]-tetralone) (Killam, A.L. (218) 295)

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Antinociceptive effect
L-Arginine; Opiodergic system; Kyotorphin; (Rat) (Kawabata, A. (218) 153)

Antisecretory potency
Gastric mucosa; Prostanoids; Radioligand binding; Prostaglandin receptors; Parietal cells (Hennies, S. (218) 303)

Anxiety
WAY100289; Light:dark box; 5-HT_3 receptor antagonists; Acoustic startle (potentiated) (Bill, D.J. (218) 327)

Anxiolytic agents
Aversive behaviour; R(+)-Zacopride; S(−)-Zacopride; 5-HT (5-hydroxytryptamine, serotonin); (Mouse) (Barnes, N.M. (218) 91)

Aorta
α-Adrenoceptors; β-Adrenoceptors; Jugular vein; Autoradiography; [^{125}I]CYP ([^{125}I]iodo-cyanopindolol); [^{125}I]HEAT ([^{125}I][β-(4-hydroxy-3-iodophenyl)-ethyl-aminomethyl]-tetralone) (Killam, A.L. (218) 295)

Arachidonic acid
VIP (vasoactive intestinal polypeptide); Helodermin; Leukotriene D_4; Lung (perfused, guinea-pig); Cyclo-oxygenase products (Conroy, D.M. (218) 43)

Neutrophils; PAF (platelet-activating factor, PAF-acether); Staurosporine; Phospholipase A_2 (Müller, S. (218) 251)

L-Arginine
Antinociceptive effect; Opiodergic system; Kyotorphin; (Rat) (Kawabata, A. (218) 153)

Atrial peptides
Natriuresis; Renal perfusion pressure; Angiotensin II (Chamienia, A.L. (218) 319)

Atrium (guinea-pig)
Muscarinic receptor subtypes; Superior cervical ganglion; Ileum (guinea-pig); Drug discrimination (Arnt, J. (218) 159)

Atypical adrenoceptors
Sensory C-fibers; Neurogenic inflammation; cAMP; Substance P (Itabashi, S. (218) 187)

Autoradiography
α-Adrenoceptors; β-Adrenoceptors; Aorta; Jugular vein; [^{125}I]CYP ([^{125}I]iodo-cyanopindolol); [^{125}I]HEAT ([^{125}I][β-(4-hydroxy-3-iodophenyl)-ethyl-aminomethyl]-tetralone) (Killam, A.L. (218) 295)

Aversive behaviour
R(+)-Zacopride; S(−)-Zacopride; p-Chlorophenylalanine; (Rat); (Mouse) (Barnes, N.M. (218) 15)

R(+)-Zacopride; S(−)-Zacopride; Anxiolytic agents; 5-HT (5-hydroxytryptamine, serotonin); (Mouse) (Barnes, N.M. (218) 91)

Baclofen
Tyrosine hydroxylase; NMDA receptors; $GABA_B$ receptors; Dopamine synthesis; Dopaminergic transmission (Montaño, J.-A.A. (218) 335)

$GABA_B$ receptor agonists; Thienyl baclofen analogs; 2-Hydroxysaclofen; Ileum (guinea-pig, isolated) (Ong, J. (218) 343)

Basal ganglia
Amphetamines; Dopamine; Drug abuse; Dynorphin A; 4-Methylaminorex; Neurotensin; 5-HT (5-hydroxytryptamine, serotonin); Substance P; Tryptophan hydroxylase (Hanson, G.R. (218) 287)

Benzodiazepine receptors
PET (positron emission tomography); [^{18}F]FEF (5-(2′-[^{18}F]Fluoroethyl)flumazenil); Imaging; Flumazenil; Neuroreceptors (Moerlein, S.M. (218) 109)

Benzodiazepines
GABA (γ-aminobutyric acid); 5-HT (5-hydroxytryptamine, serotonin); 5-HT release; Hippocampus; Frontal cortex (File, S.E. (218) 9)

7-Benzylidenenaltrexone (BNTX)
Antinociception; δ-Opioid receptor subtypes binding (Portoghese, P.S. (218) 195)

BIBS 39
Angiotensin II receptor antagonists; BIBS 222 (Zhang, J. (218) 35)

BIBS 222
Angiotensin II receptor antagonists; BIBS 39 (Zhang, J. (218) 35)

Blood pressure
Substance P; Dorsal raphe nucleus; 5-HT release (Gradin, K. (218) 363)

Bradykinin receptor antagonists
Histamine liberation; Pain measurement; Skin response (Kindgen-Milles, D. (218) 183)

Brain dialysis
Acetyl-L-carnitine; Dopamine release; Striatum (Harsing, Jr., L.G. (218) 117)

BRL 38227
Potassium channel openers; Microcirculation; Spontaneously hypertensive rat (SHR) (Struijker Boudier, H.A.J. (218) 191)

Ca^{2+}
Smooth muscle; Acetylcholine; A23187; Phasic and tonic responses; IP_3 (inositol trisphosphate) (Macara, B. (218) 27)

Ca^{2+} channel antagonists
Cardiovascular effects; ω-Conotoxin GVIA; (Guinea-pig) (Bond, A. (218) 179)

E4080; K^+ channel openers; Ca^{2+} concentration (intracellular); Vasodilators; Coronary artery (dog) (Okada, Y. (218) 259)

Ca^{2+} concentration (intracellular)
E4080; K^+ channel openers; Ca^{2+} channel antagonists; Vasodilators; Coronary artery (dog) (Okada, Y. (218) 259)

Capsaicin
Nitric oxide (NO); Sensory neurons; CGRP (calcitonin gene-related peptide); L-NAME (N^G-nitro-L-arginine methyl ester); Gastric mucosa (Whittle, B.J.R. (218) 339)

Cardiac muscle (electrophysiology of)
Taurine; Na^+ currents (fast); Ventricular myocytes (embryonic chick); Voltage clamp (whole-cell) (Satoh, H. (218) 83)

Cardiovascular effects
Ca^{2+} channel antagonists; ω-Conotoxin GVIA; (Guinea-pig) (Bond, A. (218) 179)

Castor-oil diarrhea
[D-Ala^2]deltorphin II; Gastrointestinal transit; Colonic bead expulsion; (I.c.v. and i.t. administration); (Rat) (Broccardo, M. (218) 69)

Cathartics
Prostaglandins; Anthraquinones; Diarrhoea (Nijs, G. (218) 199)

Cell culture
GH_4ZR_7 cells; Anterior pituitary; Prolactin; Dopamine D_2 receptors; Partial agonists; Transdihydrolisuride; (±)3-PPP ((±)-3-(3-hydroxyphenyl)-N-n-propylpiperidine); (In vitro) (Nilsson, C. (218) 205)

Cerebral cortex (rat)
Rilmenidine; Oxazoline; Imidazoline; Guanidinium; α_2-Adrenoceptor subtypes (King, P.R. (218) 101)

CGRP (calcitonin gene-related peptide)
Nitric oxide (NO); Capsaicin; Sensory neurons; L-NAME (N^G-nitro-L-arginine methyl ester); Gastric mucosa (Whittle, B.J.R. (218) 339)

p-Chlorophenylalanine
R(+)-Zacopride; S(−)-Zacopride; Aversive behaviour; (Rat); (Mouse) (Barnes, N.M. (218) 15)

Cisplatin
5-HT_3 receptor antagonists; Zacopride; GR38032F; Dexamethasone; Taste aversion (conditioned) (Mele, P.C. (218) 229)

Cl^- flux
Emotionality; GABA (γ-aminobutyric acid); Diazepam; Pentobarbital; (Mouse) (Mihic, S.J. (218) 283)

Cocaine
Dopamine neurons; Withdrawal; Ventral tegmental area; Electrophysiology (Ackerman, J.M. (218) 171)

Colonic bead expulsion
[D-Ala^2]deltorphin II; Castor-oil diarrhea; Gastrointestinal transit; (I.c.v. and i.t. administration); (Rat) (Broccardo, M. (218) 69)

ω-Conotoxin
Morphine; Analgesia; Withdrawal syndrome (Basilico, L. (218) 75)

ω-Conotoxin GVIA
Ca^{2+} channel antagonists; Cardiovascular effects; (Guinea-pig) (Bond, A. (218) 179)

Coronary artery (dog)
E4080; K^+ channel openers; Ca^{2+} channel antagonists; Ca^{2+} concentration (intracellular); Vasodilators (Okada, Y. (218) 259)

Cyclo-oxygenase products
VIP (vasoactive intestinal polypeptide); Helodermin; Leukotriene D_4; Arachidonic acid; Lung (perfused, guinea-pig) (Conroy, D.M. (218) 43)

[^{125}I]CYP ([^{125}I]iodo-cyanopindolol)
α-Adrenoceptors; β-Adrenoceptors; Aorta; Jugular vein; Autoradiography; [^{125}I]HEAT ([^{125}I][β-(4-hydroxy-3-iodophenyl)-ethylaminomethyl]-tetralone) (Killam, A.L. (218) 295)

[D-Ala^2]deltorphin II
Castor-oil diarrhea; Gastrointestinal transit; Colonic bead expulsion; (I.c.v. and i.t. administration); (Rat) (Broccardo, M. (218) 69)

Development
Antiarrhythmics; Electrophysiologic effect (Case, C.L. (218) 213)

Dexamethasone
5-HT_3 receptor antagonists; Zacopride; GR38032F; Cisplatin; Taste aversion (conditioned) (Mele, P.C. (218) 229)

Diarrhoea
Prostaglandins; Anthraquinones; Cathartics (Nijs, G. (218) 199)

Diazepam
Emotionality; GABA (γ-aminobutyric acid); Pentobarbital; Cl^- flux; (Mouse) (Mihic, S.J. (218) 283)

Dibutyryl cAMP
Amrinone; Mesenteric artery; Mesenteric vein (Itoh, H. (218) 347)

Domoic acid
Kainic acid; AMPA; Excitatory amino acid receptor; Neurotoxin (Hampson, D.R. (218) 1)

Dopamine
Dopamine transporters; Synaptic vesicle; Amine uptake (Rostène, W. (218) 175)

Amphetamines; Basal ganglia; Drug abuse; Dynorphin A; 4-Methylaminorex; Neurotensin; 5-HT (5-hydroxytryptamine, serotonin); Substance P; Tryptophan hydroxylase (Hanson, G.R. (218) 287)

Dopamine D_3 receptors; Neuroleptics (Schotte, A. (218) 373)

Dopamine neurons
Cocaine; Withdrawal; Ventral tegmental area; Electrophysiology (Ackerman, J.M. (218) 171)

Dopamine D_1 receptor agonists
Pancreas (dog); Exocrine secretion; YM435 (Iwatsuki, K. (218) 237)

Dopamine receptors
Down-regulation; Triazolam; GABA (γ-aminobutyric acid); Quinpirole; 6-Hydroxydopamine (6-OHDA) (Zhou, L.-W. (218) 219)

Dopamine D_2 receptors
GH_4ZR_7 cells; Cell culture; Anterior pituitary; Prolactin; Partial agonists; Transdihydrolisuride; (±)3-PPP ((±)-3-(3-hydroxyphenyl)-N-n-propylpiperidine); (In vitro) (Nilsson, C. (218) 205)

Dopamine D_3 receptors
Dopamine; Neuroleptics (Schotte, A. (218) 373)

Dopamine release
Acetyl-L-carnitine; Brain dialysis; Striatum (Harsing, Jr., L.G. (218) 117)

Dopaminergic transmission
Tyrosine hydroxylase; NMDA receptors; $GABA_B$ receptors; Baclofen; Dopamine synthesis (Montaño, J.-A.A. (218) 335)

Dopamine synthesis
Tyrosine hydroxylase; NMDA receptors; $GABA_B$ receptors; Baclofen; Dopaminergic transmission (Montaño, J.-A.A. (218) 335)

Dopamine transporters
Dopamine; Synaptic vesicle; Amine uptake (Rostène, W. (218) 175)

Dorsal raphe nucleus
Substance P; 5-HT release; Blood pressure (Gradin, K. (218) 363)

Down-regulation
Triazolam; GABA (γ-aminobutyric acid); Dopamine receptors; Quinpirole; 6-Hydroxydopamine (6-OHDA) (Zhou, L.-W. (218) 219)

Drug abuse
Amphetamines; Basal ganglia; Dopamine; Dynorphin A; 4-Methylaminorex; Neurotensin; 5-HT (5-hydroxytryptamine, serotonin); Substance P; Tryptophan hydroxylase (Hanson, G.R. (218) 287)

Drug discrimination
Muscarinic receptor subtypes; Superior cervical ganglion; Ileum (guinea-pig); Atrium (guinea-pig) (Arnt, J. (218) 159)

DuP753
Semotiadil; Glomerular filtration rate; Renal blood flow; Renin–angiotensin system (Nishiyama, A. (218) 311)

Dynorphin A
Amphetamines; Basal ganglia; Dopamine; Drug abuse; 4-Methylaminorex; Neurotensin; 5-HT (5-hydroxytryptamine, serotonin); Substance P; Tryptophan hydroxylase (Hanson, G.R. (218) 287)

E4080
K^+ channel openers; Ca^{2+} channel antagonists; Ca^{2+} concentration (intracellular); Vasodilators; Coronary artery (dog) (Okada, Y. (218) 259)

Electrophysiologic effect
Antiarrhythmics; Development (Case, C.L. (218) 213)

Electrophysiology
Cocaine; Dopamine neurons; Withdrawal; Ventral tegmental area (Ackerman, J.M. (218) 171)

Emotionality
GABA (γ-aminobutyric acid); Diazepam; Pentobarbital; Cl^- flux; (Mouse) (Mihic, S.J. (218) 283)

Endothelin
Vasopressin; Phosphoinositide (PI) hydrolysis; α_1-Adrenoceptors; Nonpeptide V_1 receptor antagonists; Ventricular myocardium (rabbit) (Endoh, M. (218) 355)

Endotoxin
Gastric acid; PAF (platelet-activating factor, PAF-acether); Nitric oxide (NO); Pentagastrin (Martinez-Cuesta, M.A. (218) 351)

Excitatory amino acid receptor
Domoic acid; Kainic acid; AMPA; Neurotoxin (Hampson, D.R. (218) 1)

Excitatory amino acids
Spinal cord contusion; NMDA receptor antagonists; Non-NMDA receptor antagonists (Wrathall, J.R. (218) 273)

Excitotoxicity
Glycine; NMDA receptors; Kynurenates; Thiokynurenates; Ischemia (Moroni, F. (218) 145)

Exocrine secretion
Pancreas (dog); YM435; Dopamine D_1 receptor agonists (Iwatsuki, K. (218) 237)

[^{18}F]FEF (5-(2′-[^{18}F]Fluoroethyl)flumazenil)
Benzodiazepine receptors; PET (positron emission tomography); Imaging; Flumazenil; Neuroreceptors (Moerlein, S.M. (218) 109)

Flumazenil
Benzodiazepine receptors; PET (positron emission tomography); [^{18}F]FEF (5-(2′-[^{18}F]Fluoroethyl)flumazenil); Imaging; Neuroreceptors (Moerlein, S.M. (218) 109)

Free radical scavenger
Vasodilator effect; Scoparone (Huang, H.-C. (218) 123)

Frontal cortex
GABA (γ-aminobutyric acid); 5-HT (5-hydroxytryptamine, serotonin); 5-HT release; Hippocampus; Benzodiazepines (File, S.E. (218) 9)

GABA (γ-aminobutyric acid)
5-HT (5-hydroxytryptamine, serotonin); 5-HT release; Hippocampus; Frontal cortex; Benzodiazepines (File, S.E. (218) 9)

$GABA_B$ receptors; Neocortex; Acetylcholine; Quisqualate; (Rat) (Andre, P. (218) 137)

Down-regulation; Triazolam; Dopamine receptors; Quinpirole; 6-Hydroxydopamine (6-OHDA) (Zhou, L.-W. (218) 219)

Emotionality; Diazepam; Pentobarbital; Cl^- flux; (Mouse) (Mihic, S.J. (218) 283)

$GABA_B$ receptor agonists
Baclofen; Thienyl baclofen analogs; 2-Hydroxysaclofen; Ileum (guinea-pig, isolated) (Ong, J. (218) 343)

$GABA_B$ receptors
GABA (γ-aminobutyric acid); Neocortex; Acetylcholine; Quisqualate; (Rat) (Andre, P. (218) 137)

Tyrosine hydroxylase; NMDA receptors; Baclofen; Dopamine synthesis; Dopaminergic transmission (Montaño, J.-A.A. (218) 335)

Gastric acid
Endotoxin; PAF (platelet-activating factor, PAF-acether); Nitric oxide (NO); Pentagastrin (Martinez-Cuesta, M.A. (218) 351)

Gastric mucosa
Prostanoids; Radioligand binding; Prostaglandin receptors; Parietal cells; Antisecretory potency (Hennies, S. (218) 303)

Nitric oxide (NO); Capsaicin; Sensory neurons; CGRP (calcitonin gene-related peptide); L-NAME (N^G-nitro-L-arginine methyl ester) (Whittle, B.J.R. (218) 339)

Gastrointestinal transit
[D-Ala^2]deltorphin II; Castor-oil diarrhea; Colonic bead expulsion; (I.c.v. and i.t. administration); (Rat) (Broccardo, M. (218) 69)

GH_4ZR_7 cells
Cell culture; Anterior pituitary; Prolactin; Dopamine D_2 receptors; Partial agonists; Transdihydrolisuride; (±)3-PPP ((±)-3-(3-hydroxyphenyl)-N-n-propylpiperidine); (In vitro) (Nilsson, C. (218) 205)

Glomerular filtration rate
Semotiadil; DuP753; Renal blood flow; Renin–angiotensin system (Nishiyama, A. (218) 311)

Glycine
NMDA receptors; Kynurenates; Thiokynurenates; Ischemia; Excitotoxicity (Moroni, F. (218) 145)

GR38032F
$5\text{-}HT_3$ receptor antagonists; Zacopride; Dexamethasone; Cisplatin; Taste aversion (conditioned) (Mele, P.C. (218) 229)

Guanidinium
Rilmenidine; Oxazoline; Imidazoline; α_2-Adrenoceptor subtypes; Cerebral cortex (rat) (King, P.R. (218) 101)

[^{125}I]HEAT ([^{125}I][β-(4-hydroxy-3-iodophenyl)-ethyl-aminomethyl]-tetralone)
α-Adrenoceptors; β-Adrenoceptors; Aorta; Jugular vein; Autoradiography; [^{125}I]CYP ([^{125}I]iodo-cyanopindolol) (Killam, A.L. (218) 295)

Helodermin
VIP (vasoactive intestinal polypeptide); Leukotriene D_4; Arachidonic acid; Lung (perfused, guinea-pig); Cyclo-oxygenase products (Conroy, D.M. (218) 43)

Hippocampus
GABA (γ-aminobutyric acid); 5-HT (5-hydroxytryptamine, serotonin); 5-HT release; Frontal cortex; Benzodiazepines (File, S.E. (218) 9)

Histamine liberation
Bradykinin receptor antagonists; Pain measurement; Skin response (Kindgen-Milles, D. (218) 183)

H^+,K^+-ATPase
Omeprazole; Pantoprazole (Beil, W. (218) 265)

13-HODE (13-hydroxyoctadecadienoic acid)
Oedema formation; Leukotriene B_4; Skin (rabbit) (Buckley, T.L. (218) 369)

5-HT (5-hydroxytryptamine, serotonin)
GABA (γ-aminobutyric acid); 5-HT release; Hippocampus; Frontal cortex; Benzodiazepines (File, S.E. (218) 9)

Aversive behaviour; R(+)-Zacopride; S(−)-Zacopride; Anxiolytic agents; (Mouse) (Barnes, N.M. (218) 91)

Amphetamines; Basal ganglia; Dopamine; Drug abuse; Dynorphin A; 4-Methylaminorex; Neurotensin; Substance P; Tryptophan hydroxylase (Hanson, G.R. (218) 287)

5-HT_3 receptor antagonists
Zacopride; GR38032F; Dexamethasone; Cisplatin; Taste aversion (conditioned) (Mele, P.C. (218) 229)

WAY100289; Light : dark box; Anxiety; Acoustic startle (potentiated) (Bill, D.J. (218) 327)

5-HT release
GABA (γ-aminobutyric acid); 5-HT (5-hydroxytryptamine, serotonin); Hippocampus; Frontal cortex; Benzodiazepines (File, S.E. (218) 9)

Substance P; Dorsal raphe nucleus; Blood pressure (Gradin, K. (218) 363)

6-Hydroxydopamine (6-OHDA)
Down-regulation; Triazolam; GABA (γ-aminobutyric acid); Dopamine receptors; Quinpirole (Zhou, L.-W. (218) 219)

2-Hydroxysaclofen
Baclofen; $GABA_B$ receptor agonists; Thienyl baclofen analogs; Ileum (guinea-pig, isolated) (Ong, J. (218) 343)

Ileum (guinea-pig)
Muscarinic receptor subtypes; Superior cervical ganglion; Atrium (guinea-pig); Drug discrimination (Arnt, J. (218) 159)

Ileum (guinea-pig, isolated)
Baclofen; $GABA_B$ receptor agonists; Thienyl baclofen analogs; 2-Hydroxysaclofen (Ong, J. (218) 343)

Imaging
Benzodiazepine receptors; PET (positron emission tomography); [^{18}F]FEF (5-(2′-[^{18}F]Fluoroethyl)flumazenil); Flumazenil; Neuroreceptors (Moerlein, S.M. (218) 109)

Imidazoline
Rilmenidine; Oxazoline; Guanidinium; α_2-Adrenoceptor subtypes; Cerebral cortex (rat) (King, P.R. (218) 101)

Insulin secretion
Pancreas (isolated, rat); Pertussis toxin; Adrenaline; α_2-Adrenoceptors (Hillaire-Buys, D. (218) 359)

Ion channels
Propofol; Myelinated nerve fibre; Voltage-clamp experiment; Anaesthetics (intravenous) (Veintemilla, F. (218) 59)

IP_3 (inositol trisphosphate)
Smooth muscle; Ca^{2+}; Acetylcholine; A23187; Phasic and tonic responses (Macara, B. (218) 27)

Ischemia
Glycine; NMDA receptors; Kynurenates; Thiokynurenates; Excitotoxicity (Moroni, F. (218) 145)

Jugular vein
α-Adrenoceptors; β-Adrenoceptors; Aorta; Autoradiography; [^{125}I]CYP ([^{125}I]iodo-cyanopindolol); [^{125}I]HEAT ([^{125}I][β-(4-hydroxy-3-iodophenyl)-ethyl-aminomethyl]-tetralone) (Killam, A.L. (218) 295)

Kainic acid
Domoic acid; AMPA; Excitatory amino acid receptor; Neurotoxin (Hampson, D.R. (218) 1)

K^+ channel openers
E4080; Ca^{2+} channel antagonists; Ca^{2+} concentration (intracellular); Vasodilators; Coronary artery (dog) (Okada, Y. (218) 259)

Kynurenates
Glycine; NMDA receptors; Thiokynurenates; Ischemia; Excitotoxicity (Moroni, F. (218) 145)

Kyotorphin
L-Arginine; Antinociceptive effect; Opiodergic system; (Rat) (Kawabata, A. (218) 153)

Leukotriene B_4
13-HODE (13-hydroxyoctadecadienoic acid); Oedema formation; Skin (rabbit) (Buckley, T.L. (218) 369)

Leukotriene D_4
VIP (vasoactive intestinal polypeptide); Helodermin; Arachidonic acid; Lung (perfused, guinea-pig); Cyclo-oxygenase products (Conroy, D.M. (218) 43)

Light : dark box
WAY100289; Anxiety; 5-HT_3 receptor antagonists; Acoustic startle (potentiated) (Bill, D.J. (218) 327)

Lung (perfused, guinea-pig)
VIP (vasoactive intestinal polypeptide); Helodermin; Leukotriene D_4; Arachidonic acid; Cyclo-oxygenase products (Conroy, D.M. (218) 43)

Mesenteric artery
Amrinone; Dibutyryl cAMP; Mesenteric vein (Itoh, H. (218) 347)

Mesenteric vein
Amrinone; Dibutyryl cAMP; Mesenteric artery (Itoh, H. (218) 347)

4-Methylaminorex
Amphetamines; Basal ganglia; Dopamine; Drug abuse; Dynorphin A; Neurotensin; 5-HT (5-hydroxytryptamine, serotonin); Substance P; Tryptophan hydroxylase (Hanson, G.R. (218) 287)

Microcirculation
BRL 38227; Potassium channel openers; Spontaneously hypertensive rat (SHR) (Struijker Boudier, H.A.J. (218) 191)

Morphine
ω-Conotoxin; Analgesia; Withdrawal syndrome (Basilico, L. (218) 75)

Muscarinic receptor subtypes
Superior cervical ganglion; Ileum (guinea-pig); Atrium (guinea-pig); Drug discrimination (Arnt, J. (218) 159)

Myelinated nerve fibre
Propofol; Ion channels; Voltage-clamp experiment; Anaesthetics (intravenous) (Veintemilla, F. (218) 59)

Na^+ currents (fast)
Taurine; Ventricular myocytes (embryonic chick); Voltage clamp (whole-cell); Cardiac muscle (electrophysiology of) (Satoh, H. (218) 83)

L-NAME (N^G-nitro-L-arginine methyl ester)
Nitric oxide (NO); Capsaicin; Sensory neurons; CGRP (calcitonin gene-related peptide); Gastric mucosa (Whittle, B.J.R. (218) 339)

Natriuresis
Atrial peptides; Renal perfusion pressure; Angiotensin II (Chamienia, A.L. (218) 319)

Neocortex
GABA (γ-aminobutyric acid); $GABA_B$ receptors; Acetylcholine; Quisqualate; (Rat) (Andre, P. (218) 137)

Neurogenic inflammation
Sensory C-fibers; cAMP; Substance P; Atypical adrenoceptors (Itabashi, S. (218) 187)

Neuroleptics
Dopamine; Dopamine D_3 receptors (Schotte, A. (218) 373)

Neuroprotection
Nitric oxide (NO); Stroke (Trifiletti, R.R. (218) 197)

Neuroreceptors
Benzodiazepine receptors; PET (positron emission tomography); [^{18}F]FEF (5-(2'-[^{18}F]fluoroethyl)-flumazenil); Imaging; Flumazenil (Moerlein, S.M. (218) 109)

Neurotensin
Amphetamines; Basal ganglia; Dopamine; Drug abuse; Dynorphin A; 4-Methylaminorex; 5-HT (5-hydroxytryptamine, serotonin); Substance P; Tryptophan hydroxylase (Hanson, G.R. (218) 287)

Neurotoxin
Domoic acid; Kainic acid; AMPA; Excitatory amino acid receptor (Hampson, D.R. (218) 1)

Neutrophils
Arachidonic acid; PAF (platelet-activating factor, PAF-acether); Staurosporine; Phospholipase A_2 (Müller, S. (218) 251)

Nitric oxide (NO)
Stroke; Neuroprotection (Trifiletti, R.R. (218) 197)

Capsaicin; Sensory neurons; CGRP (calcitonin gene-related peptide); L-NAME (N^G-nitro-L-arginine methyl ester); Gastric mucosa (Whittle, B.J.R. (218) 339)

Gastric acid; Endotoxin; PAF (platelet-activating factor, PAF-acether); Pentagastrin (Martinez-Cuesta, M.A. (218) 351)

NMDA receptor antagonists
Spinal cord contusion; Non-NMDA receptor antagonists; Excitatory amino acids (Wrathall, J.R. (218) 273)

NMDA receptors
Glycine; Kynurenates; Thiokynurenates; Ischemia; Excitotoxicity (Moroni, F. (218) 145)

Tyrosine hydroxylase; $GABA_B$ receptors; Baclofen; Dopamine synthesis; Dopaminergic transmission (Montaño, J.-A.A. (218) 335)

Non-NMDA receptor antagonists
Spinal cord contusion; NMDA receptor antagonists; Excitatory amino acids (Wrathall, J.R. (218) 273)

Nonpeptide V_1 receptor antagonists
Vasopressin; Phosphoinositide (PI) hydrolysis; α_1-Adrenoceptors; Endothelin; Ventricular myocardium (rabbit) (Endoh, M. (218) 355)

Oedema formation
13-HODE (13-hydroxyoctadecadienoic acid); Leukotriene B_4; Skin (rabbit) (Buckley, T.L. (218) 369)

Omeprazole
H^+,K^+-ATPase; Pantoprazole (Beil, W. (218) 265)

Opiodergic system
L-Arginine; Antinociceptive effect; Kyotorphin; (Rat) (Kawabata, A. (218) 153)

δ-Opioid receptor subtypes binding
Antinociception; 7-Benzylidenenaltrexone (BNTX) (Portoghese, P.S. (218) 195)

Oxazoline
Rilmenidine; Imidazoline; Guanidinium; α_2-Adrenoceptor subtypes; Cerebral cortex (rat) (King, P.R. (218) 101)

PAF (platelet-activating factor, PAF-acether)
Neutrophils; Arachidonic acid; Staurosporine; Phospholipase A_2 (Müller, S. (218) 251)

Gastric acid; Endotoxin; Nitric oxide (NO); Pentagastrin (Martinez-Cuesta, M.A. (218) 351)

PAF receptor antagonists
Aglafoline; (*Aglaia elliptifolia* Merr) (Ko, F.-N. (218) 129)

Pain measurement
Bradykinin receptor antagonists; Histamine liberation; Skin response (Kindgen-Milles, D. (218) 183)

Pancreas (dog)
Exocrine secretion; YM435; Dopamine D_1 receptor agonists (Iwatsuki, K. (218) 237)

Pancreas (isolated, rat)
Pertussis toxin; Insulin secretion; Adrenaline; α_2-Adrenoceptors (Hillaire-Buys, D. (218) 359)

Pantoprazole
H^+,K^+-ATPase; Omeprazole (Beil, W. (218) 265)

Parietal cells
Gastric mucosa; Prostanoids; Radioligand binding; Prostaglandin receptors; Antisecretory potency (Hennies, S. (218) 303)

Partial agonists
GH_4ZR_7 cells; Cell culture; Anterior pituitary; Prolactin; Dopamine D_2 receptors; Transdihydrolisuride; (±)3-PPP ((±)-3-(3-hydroxyphenyl)-N-n-propylpiperidine); (In vitro) (Nilsson, C. (218) 205)

Pentagastrin
Gastric acid; Endotoxin; PAF (platelet-activating factor, PAF-acether); Nitric oxide (NO) (Martinez-Cuesta, M.A. (218) 351)

Pentobarbital
Emotionality; GABA (γ-aminobutyric acid); Diazepam; Cl^- flux; (Mouse) (Mihic, S.J. (218) 283)

Pertussis toxin
Pancreas (isolated, rat); Insulin secretion; Adrenaline; α_2-Adrenoceptors (Hillaire-Buys, D. (218) 359)

PET (positron emission tomography)
Benzodiazepine receptors; [^{18}F]FEF (5-(2'-[^{18}F]Fluoroethyl)-flumazenil); Imaging; Flumazenil; Neuroreceptors (Moerlein, S.M. (218) 109)

Phasic and tonic responses
Smooth muscle; Ca^{2+}; Acetylcholine; A23187; IP_3 (inositol trisphosphate) (Macara, B. (218) 27)

Phorbol esters
Vas deferens (rat); Protein kinase C; α_1-Adrenoceptors (Abraham, S.T. (218) 243)

Phosphoinositide (PI) hydrolysis
Vasopressin; α_1-Adrenoceptors; Endothelin; Nonpeptide V_1 receptor antagonists; Ventricular myocardium (rabbit) (Endoh, M. (218) 355)

Phospholipase A_2
Neutrophils; Arachidonic acid; PAF (platelet-activating factor, PAF-acether); Staurosporine (Müller, S. (218) 251)

Potassium channel openers
BRL 38227; Microcirculation; Spontaneously hypertensive rat (SHR) (Struijker Boudier, H.A.J. (218) 191)

Prolactin
GH_4ZR_7 cells; Cell culture; Anterior pituitary; Dopamine D_2 receptors; Partial agonists; Transdihydrolisuride; (±)3-PPP ((±)-3-(3-hydroxyphenyl)-N-n-propylpiperidine); (In vitro) (Nilsson, C. (218) 205)

Propofol
Ion channels; Myelinated nerve fibre; Voltage-clamp experiment; Anaesthetics (intravenous) (Veintemilla, F. (218) 59)

Prostaglandin receptors
Gastric mucosa; Prostanoids; Radioligand binding; Parietal cells; Antisecretory potency (Hennies, S. (218) 303)

Prostaglandins
Anthraquinones; Cathartics; Diarrhoea (Nijs, G. (218) 199)

Prostanoids
Gastric mucosa; Radioligand binding; Prostaglandin receptors; Parietal cells; Antisecretory potency (Hennies, S. (218) 303)

Protein kinase C
Vas deferens (rat); Phorbol esters; α_1-Adrenoceptors (Abraham, S.T. (218) 243)

Quinpirole
Down-regulation; Triazolam; GABA (γ-aminobutyric acid); Dopamine receptors; 6-Hydroxydopamine (6-OHDA) (Zhou, L.-W. (218) 219)

Quisqualate
GABA (γ-aminobutyric acid); $GABA_B$ receptors; Neocortex; Acetylcholine; (Rat) (Andre, P. (218) 137)

Radioligand binding
Gastric mucosa; Prostanoids; Prostaglandin receptors; Parietal cells; Antisecretory potency (Hennies, S. (218) 303)

Renal blood flow
Semotiadil; DuP753; Glomerular filtration rate; Renin–angiotensin system (Nishiyama, A. (218) 311)

Renal perfusion pressure
Atrial peptides; Natriuresis; Angiotensin II (Chamienia, A.L. (218) 319)

Renin–angiotensin system
Semotiadil; DuP753; Glomerular filtration rate; Renal blood flow (Nishiyama, A. (218) 311)

Rilmenidine
Oxazoline; Imidazoline; Guanidinium; α_2-Adrenoceptor subtypes; Cerebral cortex (rat) (King, P.R. (218) 101)

Scoparone
Vasodilator effect; Free radical scavenger (Huang, H.-C. (218) 123)

Semotiadil
DuP753; Glomerular filtration rate; Renal blood flow; Renin–angiotensin system (Nishiyama, A. (218) 311)

Sensory C-fibers
Neurogenic inflammation; cAMP; Substance P; Atypical adrenoceptors (Itabashi, S. (218) 187)

Sensory neurons
Nitric oxide (NO); Capsaicin; CGRP (calcitonin gene-related peptide); L-NAME (N^G-nitro-L-arginine methyl ester); Gastric mucosa (Whittle, B.J.R. (218) 339)

Skin (rabbit)
13-HODE (13-hydroxyoctadecadienoic acid); Oedema formation; Leukotriene B_4 (Buckley, T.L. (218) 369)

Skin response
Bradykinin receptor antagonists; Histamine liberation; Pain measurement (Kindgen-Milles, D. (218) 183)

Smooth muscle
Ca^{2+}; Acetylcholine; A23187; Phasic and tonic responses; IP_3 (inositol trisphosphate) (Macara, B. (218) 27)

Vas deferens; α-Adrenoceptors; Spontaneously hypertensive rats (SHR) (Caricati-Neto, A. (218) 51)

Spinal cord contusion
NMDA receptor antagonists; Non-NMDA receptor antagonists; Excitatory amino acids (Wrathall, J.R. (218) 273)

Spontaneously hypertensive rat (SHR)
BRL 38227; Potassium channel openers; Microcirculation (Struijker Boudier, H.A.J. (218) 191)

Spontaneously hypertensive rats (SHR)
Vas deferens; Smooth muscle; α-Adrenoceptors (Caricati-Neto, A. (218) 51)

Staurosporine
Neutrophils; Arachidonic acid; PAF (platelet-activating factor, PAF-acether); Phospholipase A_2 (Müller, S. (218) 251)

Striatum
Acetyl-L-carnitine; Brain dialysis; Dopamine release (Harsing, Jr., L.G. (218) 117)

Stroke
Nitric oxide (NO); Neuroprotection (Trifiletti, R.R. (218) 197)

Substance P
Sensory C-fibers; Neurogenic inflammation; cAMP; Atypical adrenoceptors (Itabashi, S. (218) 187)

Amphetamines; Basal ganglia; Dopamine; Drug abuse; Dynorphin A; 4-Methylaminorex; Neurotensin; 5-HT (5-hydroxytryptamine, serotonin); Tryptophan hydroxylase (Hanson, G.R. (218) 287)

Dorsal raphe nucleus; 5-HT release; Blood pressure (Gradin, K. (218) 363)

Superior cervical ganglion
Muscarinic receptor subtypes; Ileum (guinea-pig); Atrium (guinea-pig); Drug discrimination (Arnt, J. (218) 159)

Synaptic vesicle
Dopamine; Dopamine transporters; Amine uptake (Rostène, W. (218) 175)

Taste aversion (conditioned)
5-HT_3 receptor antagonists; Zacopride; GR38032F; Dexamethasone; Cisplatin (Mele, P.C. (218) 229)

Taurine
Na^+ currents (fast); Ventricular myocytes (embryonic chick); Voltage clamp (whole-cell); Cardiac muscle (electrophysiology of) (Satoh, H. (218) 83)

Thienyl baclofen analogs
Baclofen; $GABA_B$ receptor agonists; 2-Hydroxysaclofen; Ileum (guinea-pig, isolated) (Ong, J. (218) 343)

Thiokynurenates
Glycine; NMDA receptors; Kynurenates; Ischemia; Excitotoxicity (Moroni, F. (218) 145)

Transdihydrolisuride
GH_4ZR_7 cells; Cell culture; Anterior pituitary; Prolactin; Dopamine D_2 receptors; Partial agonists; (±)3-PPP ((±)-3-(3-hydroxyphenyl)-N-n-propylpiperidine); (In vitro) (Nilsson, C. (218) 205)

Triazolam
Down-regulation; GABA (γ-aminobutyric acid); Dopamine receptors; Quinpirole; 6-Hydroxydopamine (6-OHDA) (Zhou, L.-W. (218) 219)

Tryptophan hydroxylase
Amphetamines; Basal ganglia; Dopamine; Drug abuse; Dynorphin A; 4-Methylaminorex; Neurotensin; 5-HT (5-hydroxytryptamine, serotonin); Substance P (Hanson, G.R. (218) 287)

Tyrosine hydroxylase
NMDA receptors; $GABA_B$ receptors; Baclofen; Dopamine synthesis; Dopaminergic transmission (Montaño, J.-A.A. (218) 335)

Vas deferens
Smooth muscle; α-Adrenoceptors; Spontaneously hypertensive rats (SHR) (Caricati-Neto, A. (218) 51)

Vas deferens (rat)
Protein kinase C; Phorbol esters; α_1-Adrenoceptors (Abraham, S.T. (218) 243)

Vasodilator effect
Scoparone; Free radical scavenger (Huang, H.-C. (218) 123)

Vasodilators
E4080; K^+ channel openers; Ca^{2+} channel antagonists; Ca^{2+} concentration (intracellular); Coronary artery (dog) (Okada, Y. (218) 259)

Vasopressin
Phosphoinositide (PI) hydrolysis; α_1-Adrenoceptors; Endothelin; Nonpeptide V_1 receptor antagonists; Ventricular myocardium (rabbit) (Endoh, M. (218) 355)

Ventral tegmental area
Cocaine; Dopamine neurons; Withdrawal; Electrophysiology (Ackerman, J.M. (218) 171)

Ventricular myocardium (rabbit)
Vasopressin; Phosphoinositide (PI) hydrolysis; α_1-Adrenoceptors; Endothelin; Nonpeptide V_1 receptor antagonists (Endoh, M. (218) 355)

Ventricular myocytes (embryonic chick)
Taurine; Na^+ currents (fast); Voltage clamp (whole-cell); Cardiac muscle (electrophysiology of) (Satoh, H. (218) 83)

VIP (vasoactive intestinal polypeptide)
Helodermin; Leukotriene D_4; Arachidonic acid; Lung (perfused, guinea-pig); Cyclo-oxygenase products (Conroy, D.M. (218) 43)

Voltage-clamp experiment
Propofol; Ion channels; Myelinated nerve fibre; Anaesthetics (intravenous) (Veintemilla, F. (218) 59)

Voltage clamp (whole-cell)
Taurine; Na^+ currents (fast); Ventricular myocytes (embryonic chick); Cardiac muscle (electrophysiology of) (Satoh, H. (218) 83)

WAY100289
Light:dark box; Anxiety; 5-HT_3 receptor antagonists; Acoustic startle (potentiated) (Bill, D.J. (218) 327)

Withdrawal
Cocaine; Dopamine neurons; Ventral tegmental area; Electrophysiology (Ackerman, J.M. (218) 171)

Withdrawal syndrome
ω-Conotoxin; Morphine; Analgesia (Basilico, L. (218) 75)

YM435
Pancreas (dog); Exocrine secretion; Dopamine D_1 receptor agonists (Iwatsuki, K. (218) 237)

Zacopride
5-HT_3 receptor antagonists; GR38032F; Dexamethasone; Cisplatin; Taste aversion (conditioned) (Mele, P.C. (218) 229)

R(+)-Zacopride
S(−)-Zacopride; p-Chlorophenylalanine; Aversive behaviour; (Rat); (Mouse) (Barnes, N.M. (218) 15)

Aversive behaviour; S(−)-Zacopride; Anxiolytic agents; 5-HT (5-hydroxytryptamine, serotonin); (Mouse) (Barnes, N.M. (218) 91)

S(−)-Zacopride
R(+)-Zacopride; p-Chlorophenylalanine; Aversive behaviour; (Rat); (Mouse) (Barnes, N.M. (218) 15)

Aversive behaviour; R(+)-Zacopride; Anxiolytic agents; 5-HT (5-hydroxytryptamine, serotonin); (Mouse) (Barnes, N.M. (218) 91)